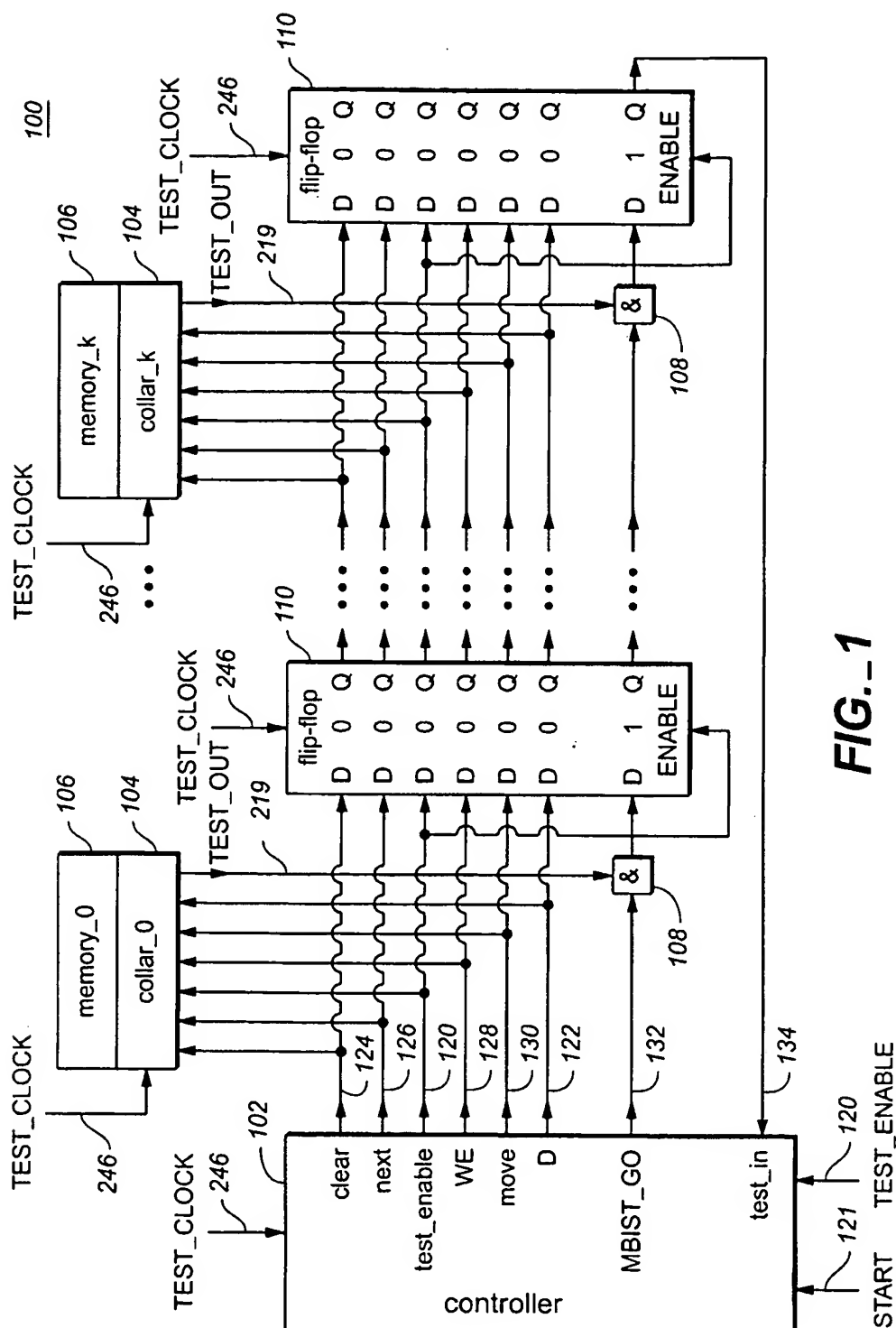




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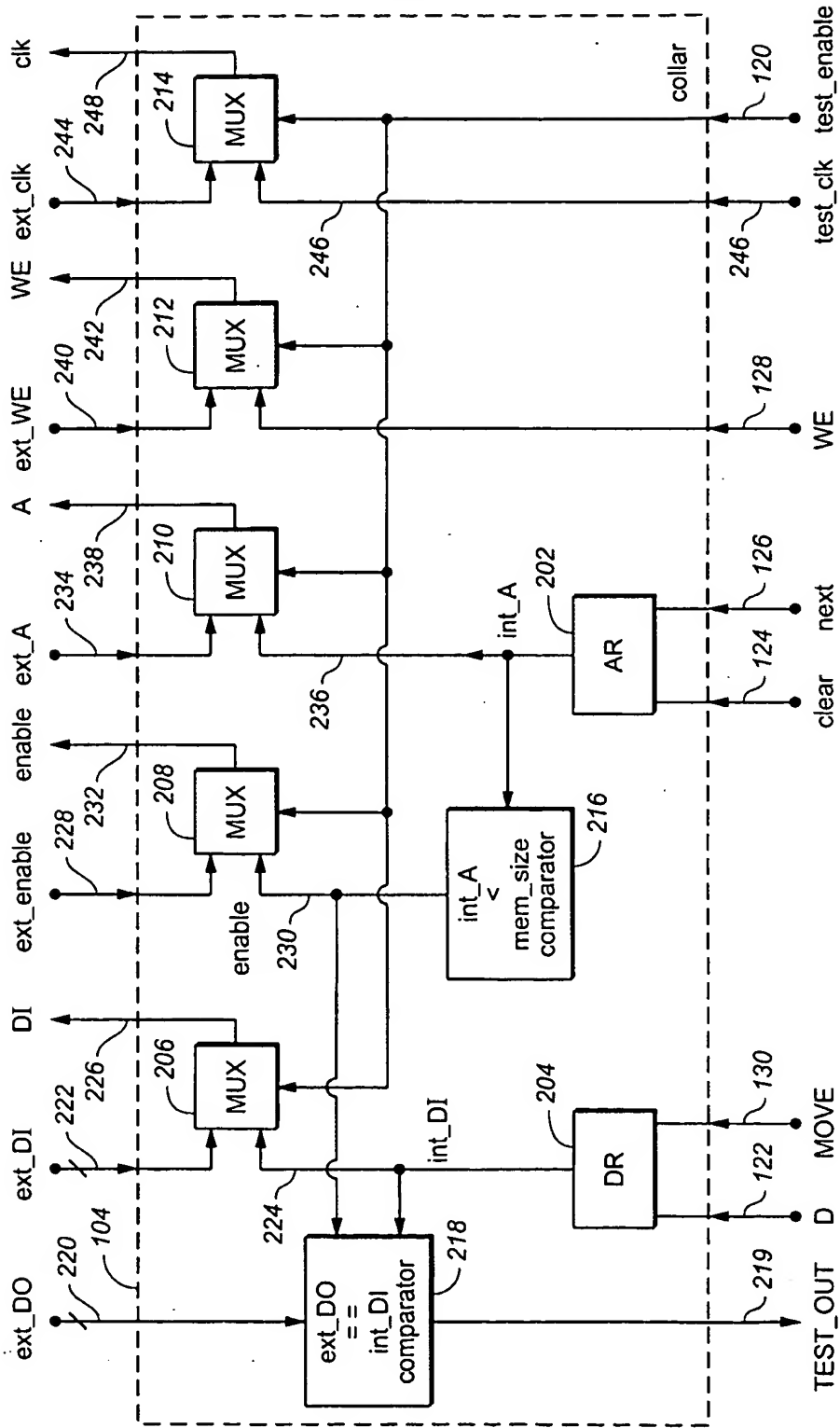
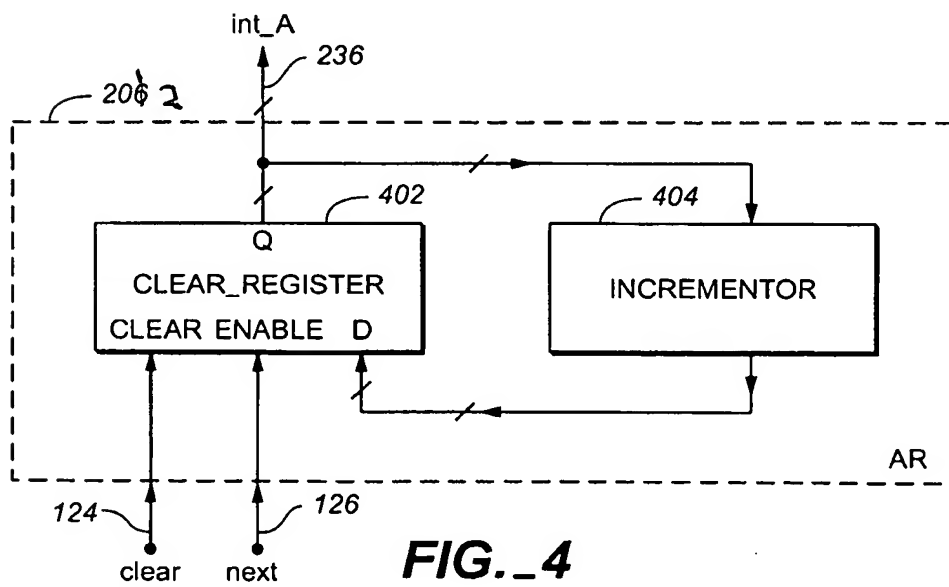
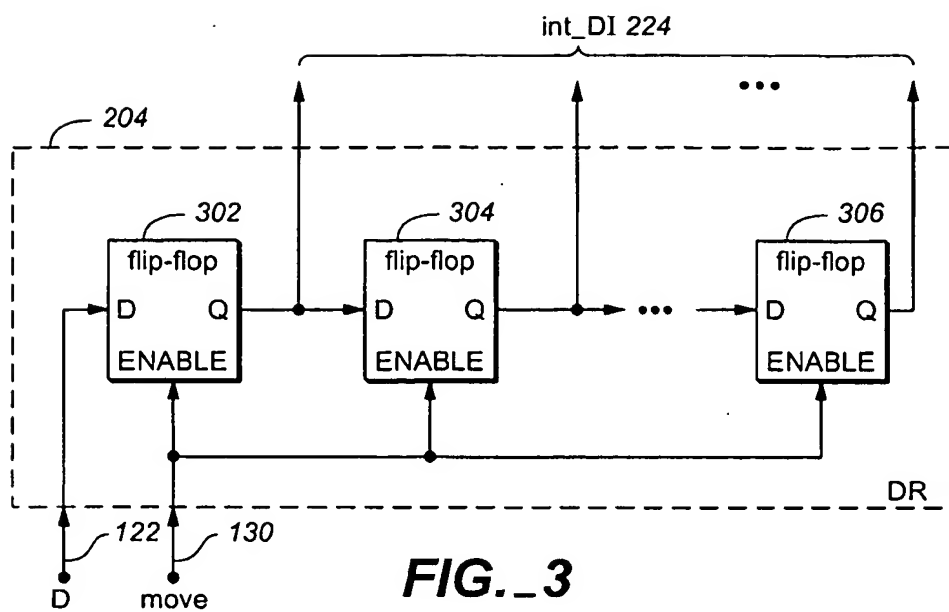


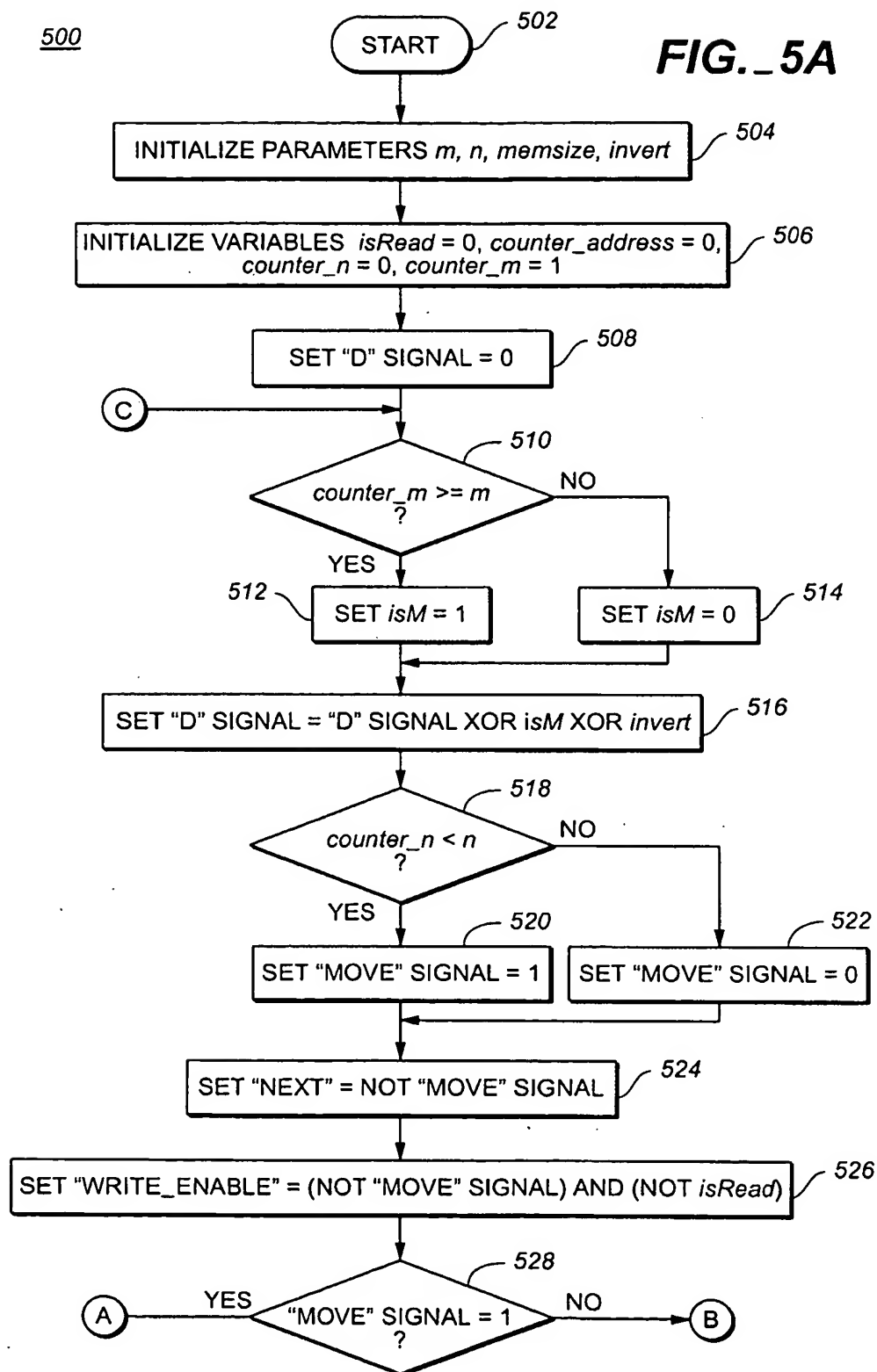
FIG. 2



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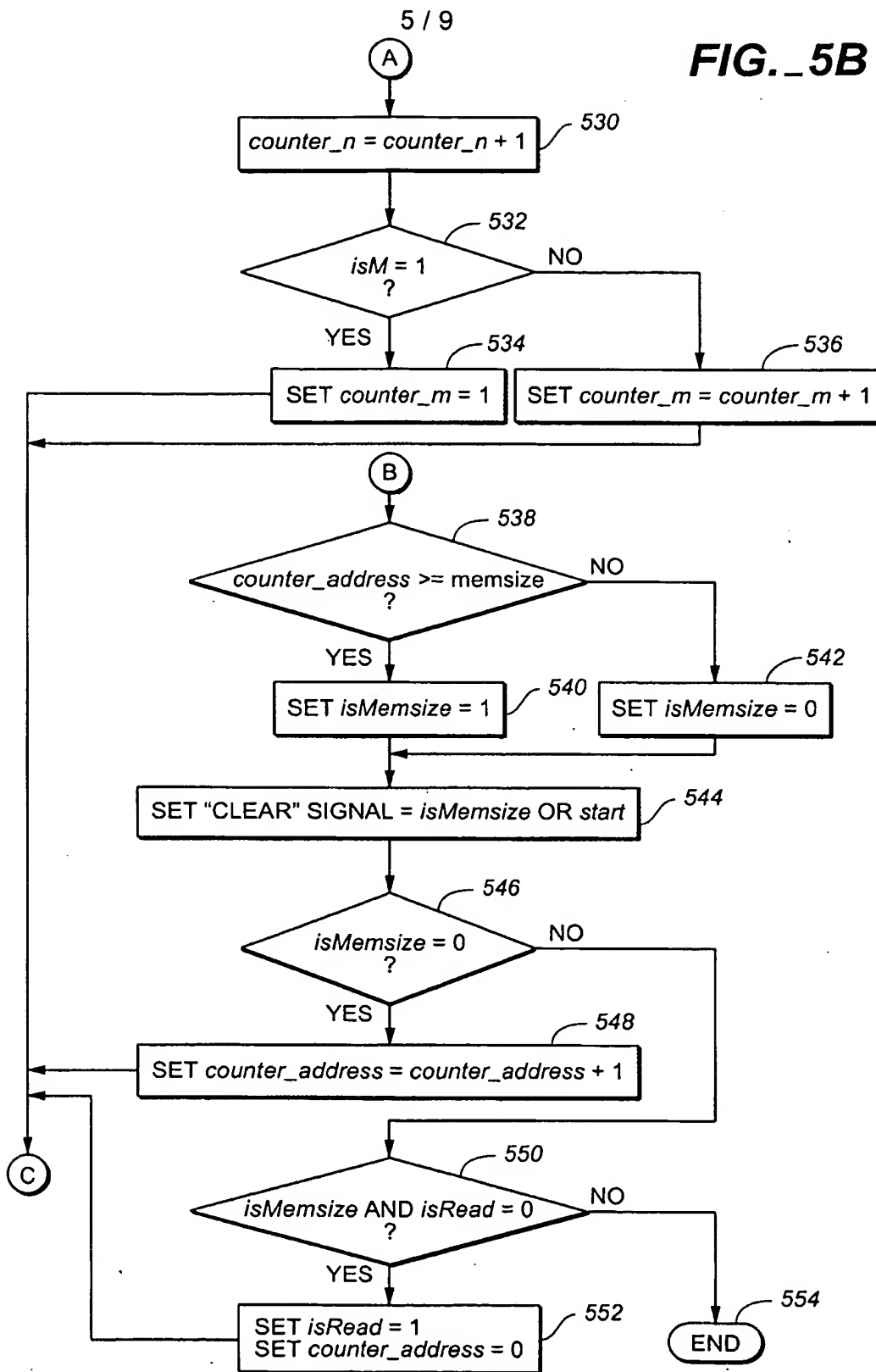
500

FIG. 5A



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FIG. 5B



	602			604		606	
	fill DR(n steps)			memory write (memsize steps)		memory read (memsize steps)	
clear	1	0	0	...	0	1	0
move	1	1	1	...	0	0	0
next	0	0	0	...	1	1	1
WE	0	0	0	...	1	0	0
D	0	...	0	1	...	...	...

FIG.\_6

	802			804		806		808	
	fill DR(n steps)			memory write $\text{memsize} + \lceil \frac{\text{memsize}}{k} \rceil \text{ steps}$		fill DR(n steps)		memory read $\text{memsize} + \lceil \frac{\text{memsize}}{k} \rceil \text{ steps}$	
clear	1	0	0	...	0	1	0	0	...
move	1	1	1	...	0	...	1	0	...
next	0	0	0	...	1	...	0	1	...
WE	0	0	0	...	1	...	0	...	0
D	0	1	0	...	...	...	...	...	...

FIG.\_8

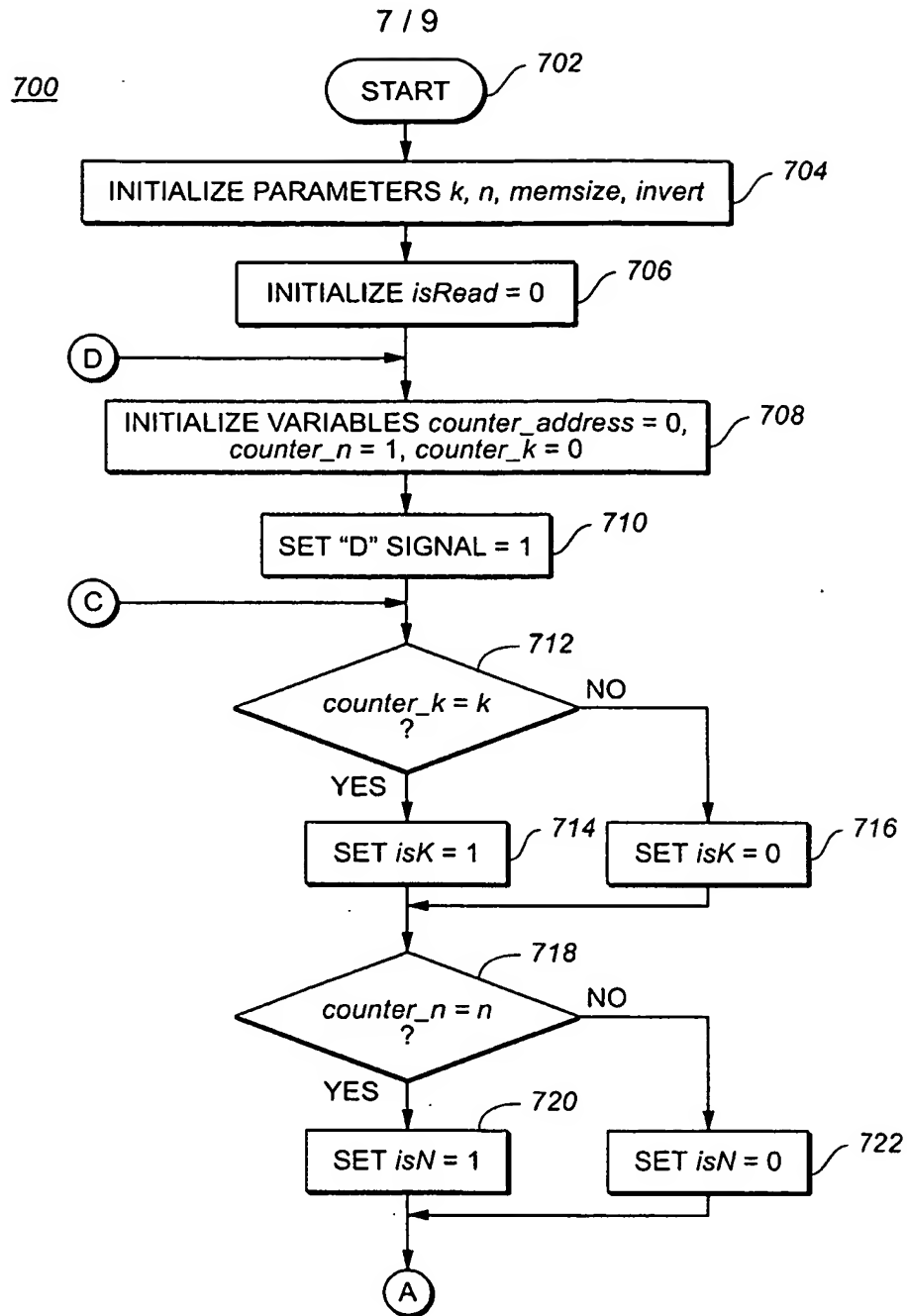
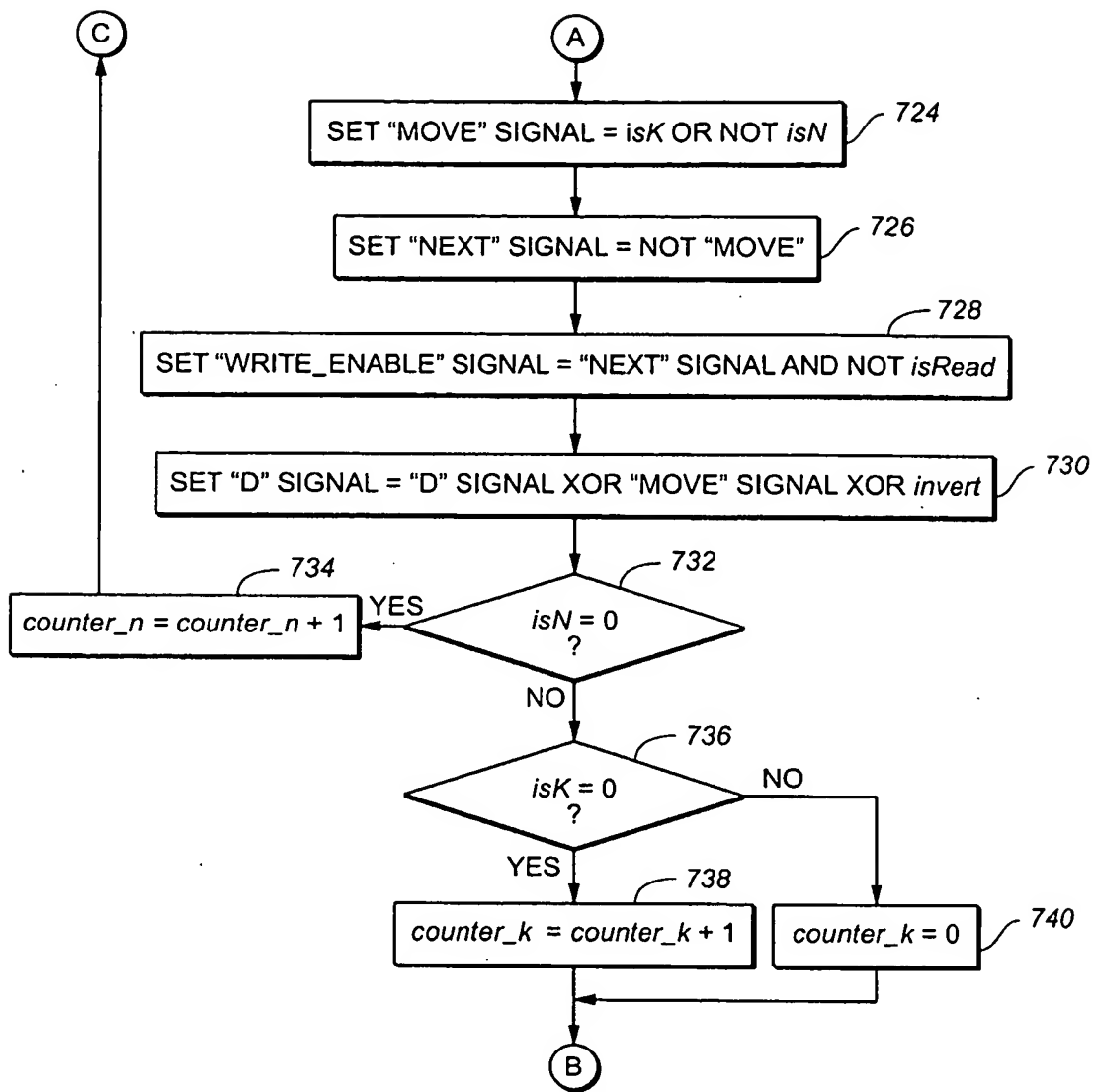
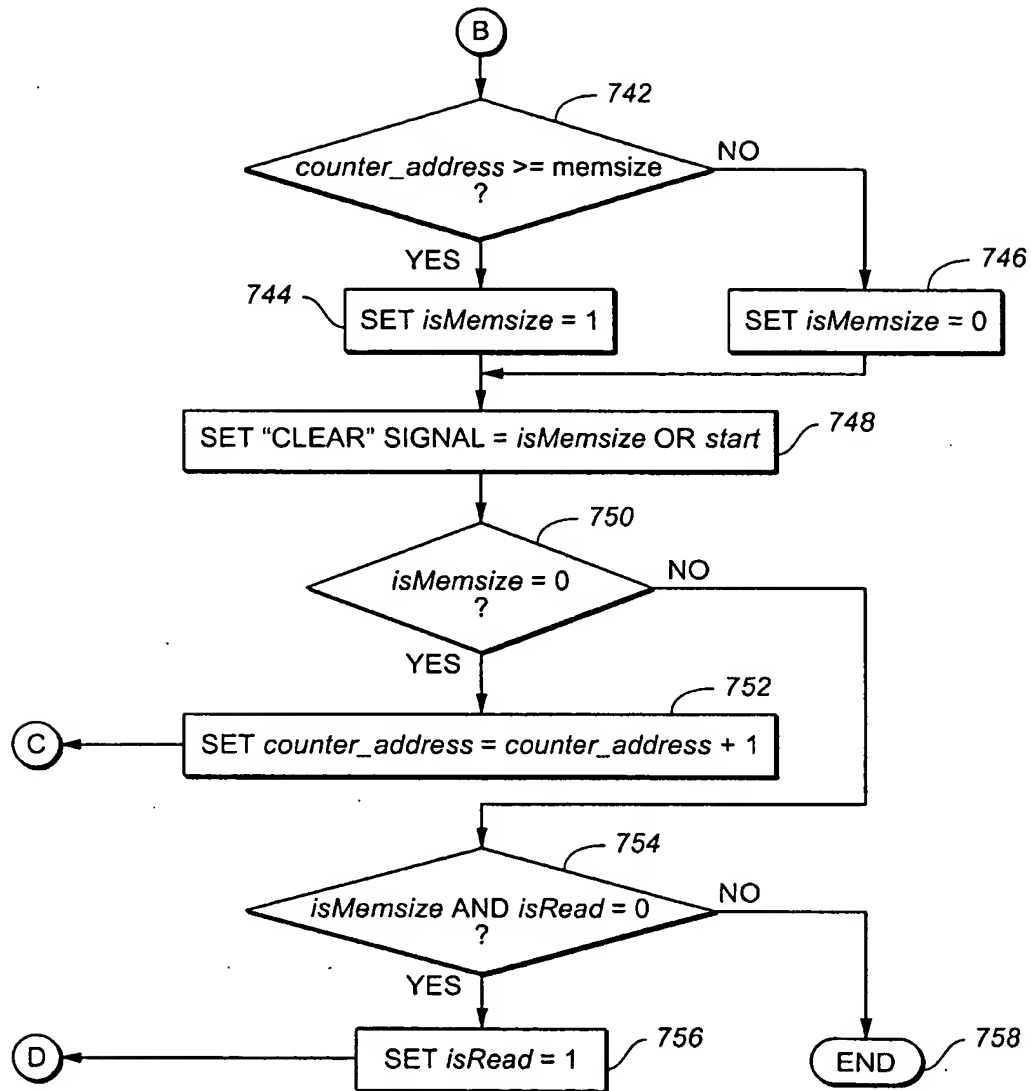


FIG. 7A



**FIG. 7B**





**FIG. 7C**